A2E/SSD/EBR)10/13-4 BR 301/31.8.13
21/29-8-13

**M.A.R. 57 (Rule 116)**
Measurement Book
No. C/09 165683

Serial No. 1st & Part.

Name of work. Improvements road From. Lakshmipura main road to To
singapura layout in Ward no-12 Shettyhalli Sub-Division
Name of Contractor or nature of Agency. Technical Manager (West) KRIDL JCi- 012-12 - 000049

Date of commencement of work. NO EE/DD/No/104/12-13 D:14/9/2012 Est Cost:- 50.0 Lks

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| I-8. | Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications. Qty vide pg No 165690, of this M.B | | | | | 933.38 cum @ 87=05 Rs- 81251=00 81243- | 733.29 |
| I-9 | plain cement concrete. 1:3:6 mix with crushed stone aggregate 40mm & down size mechanically mixed placed in foundation and compacted by vibration including curing for 14 days. complete as per specifications. | | | | | | |

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Cby vide pg no 165891/2 of this M.B. | | | | | 78.75 cum | |
| | | | | | | @ 3645.00 | |
| | | | | | | Rs— 287043.00 | |
| J-10 | Providing and laying in position plain cement concrete of mix M-20 with OPC cement @ 330 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.64 cum & fine aggregate @ 0.43 cum with Superplasticizer @ 3 lts conforming to IS 9103-1999 Reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cm thick well compacted in foundation plinth and cllg including cost of all materials labour Hire of machinery curing complete as per specifications. | | | | | | |
| | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 8.10 cum | |
| | B | 1 | × 30.0 | × 1.10 | × 0.15 | = 4.95 cum | |
| | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 8.10 cum | |
| | B | 1 | × 30.0 | × 1.10 | × 0.15 | = 4.95 cum | |

## M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 165684

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 8.10 cum | |
| | B | 1 | × 30.0 | × 1.10 | × 0.15 | = 4.95 cum | |
| | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 5.40 cum | |
| | B | 1 | × 20.0 | × 1.10 | × 0.15 | = 3.30 cum | |
| | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 8.10 cum | |
| | B | 1 | × 30.0 | × 1.10 | × 0.15 | = 4.95 cum | |
| CSIe | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 8.10 cum | |
| & | B | 1 | × 30.0 | × 1.10 | × 0.15 | = 4.95 cum | |
| EE(D) | V | 2 | × 30.0 | × 0.15 | × 0.90 | = 8.10 cum | |
| | B | 1 | × 30.0 | × 1.10 | × 0.15 | = 4.95 cum | |

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 10.0 | 0.15 | 0.90 | = 2.70 cum | |
| | B | 1 | 10.0 | 1.10 | 0.15 | = 1.65 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |

CE&E
28/8
EE(D)

## M.A.R. 57 (Rule 116)

Measurement Book No. C/09 165685

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 30.0 | 0.15 | 0.90 | = 8.10 cum | |
| | B | 1 | 30.0 | 1.10 | 0.15 | = 4.95 cum | |
| | V | 2 | 10.80 | 0.15 | 0.90 | = 2.91 cum | |
| | B | 1 | 10.80 | 1.10 | 0.15 | = 1.78 cum | |
| | V | 2 | 22.0 | 0.15 | 0.90 | = 5.94 cum | |
| | B | 1 | 22.0 | 1.10 | 0.15 | = 3.63 cum | |
| | | | | | | 223.19 cum | |
| | | | | | | 220.50 cum | |
| | | | | | | 2720 = 88 MT | = 1063004-00 |

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28/8
EE(D)

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| I-11 | Providing and laying reinforced cement precast slab of mix cc 1:1½:3. Using 20mm & down size graded granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & complete as per specifications. | | | | | | |
| | ~~Kg 30.0 x 0.90~~ Pg | | | | | | |
| | CSR EE(D) 28/8 C&PC | | | | | | |
| | | 180.0 | 1.20 | 0.60 | | = 129.60 sqm | |
| | | 633 | 0.90 | 0.60 | | = 341.82 sqm | |
| | | | | | | 471.42 sqm | |
| | | | | | | @ 1963.60 | |
| | | | | | | Rs - 925680-00 | |
| I-12 | Providing M.T. Steel reinforcement for R.C.C. Work including Straightening, cutting bending hooking placing in position lapping and or welding wherever required tying with binding wire and anchoring to the Adjoining members wherever necessary as per design | | | | | | |

## M.A.R. 57 (Rule 116)

Measurement Book No. C/09

165686

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Bly vide Pg No | 165692½ | of this M.B. | | | 143.330 | 142.94 |
| | | | | | | @ 7211-75 | |
| | | | | | | Rs 1033624-00 | 1030847 |
| I-13. | Providing and removing centering Shuttering Strutting propping etc, for columns Pillars Piers and struts rectangular polygon in plan including cost of all materials labour complete as per | | | | | | |
| | Bly vide Pg No | 165693½ | of this M.B. | | | 1890.0 sqm | |
| | | | | | | @ 275-40 | |
| | | | | | | Rs - 520506-00 | |
| I-7 | Providing fixing precast solid concrete kerb stones made out of cc 1:2:4 and finished with CM 1:3 plastering & finishing cutting etc, complete 450x200x400mm | | | | | | |

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1103 Nos | | | | = 1103 Nos | |
| | | | | | | @ 290=52 | |
| | | | | | | Rs - 320744=00 | |
| | | Total Amount | | | | 423155=00 | |
| | | 10 % KRIDL Charges | | | | 423155 =00 | |
| | | 422876=00 | | | | 4654707 | |
| | | 465 1643=00 | | | | | |
| | Certificate I/c | | | | | | |
| | 1) Certified that contractor has done the work satisfactory. | | | | | | |
| | 2) Certified that there is no due work from contractor side. | | | | | | |
| | 3) Certified that contractor has removed all debris from work spot | | | | | | |
| | Ravi.N.K. 28/8/13. | | | | | | |

Audited and admitted for Rs. 4651643=00

Passed by Cheque for Rs. 4049985=00

Serial No. 601658=00

by adjustment Rs.

Accounts Superintendent

Executive Engineer
B.P.A.D. Nagarabhavi Division

## M.A.R. 57 (Rule 116)

Measurement Book

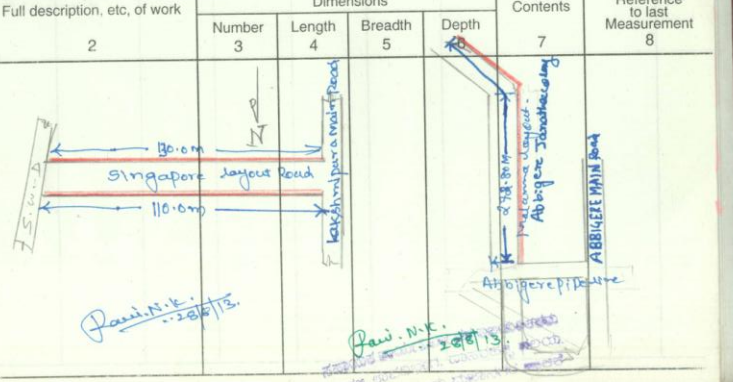
No. C/09 165687

Name of work..... From..... To.....

Name of Contractor or nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |




Ravi.N.K. 28/8/13.

Ravi.N.K. 28/8/13.